

**ATTACHMENT 2 TO THE FINAL ACT
OF THE CONFERENCE**

RESOLUTION 2

**ADOPTION OF THE SEAFARERS' TRAINING, CERTIFICATION
AND WATCHKEEPING CODE**

THE CONFERENCE,

HAVING ADOPTED resolution 1 on Adoption of the 1995 amendments to the Annex to the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW), 1978,

RECOGNIZING the importance of establishing detailed mandatory standards of competence and other mandatory provisions necessary to ensure that all seafarers shall be properly educated and trained, adequately experienced, skilled and competent to perform their duties in a manner which provides for the safety of life and property at sea and the protection of the marine environment,

ALSO RECOGNIZING the need to allow for the timely amendment of such mandatory standards and provisions in order to effectively respond to changes in technology, operations, practices and procedures used on board ships,

RECALLING that a large percentage of maritime casualties and pollution incidents are caused by human error,

APPRECIATING that one effective means of reducing the risks associated with human error in the operation of seagoing ships is to ensure that the highest practicable standards of training, certification and competence are maintained in respect of the seafarers who are employed on such ships,

DESIRING to achieve and maintain the highest practicable standards for the safety of life and property at sea and in port and for the protection of the environment,

HAVING CONSIDERED the Seafarers' Training, Certification and Watchkeeping (STCW) Code, comprised of part A - Mandatory standards regarding provisions of the Annex to the 1978 STCW Convention, as amended, and part B - Recommended guidance regarding provisions of the 1978 STCW Convention, as amended, proposed and circulated to all Members of the Organization and all Parties to the Convention,

NOTING that regulation I/1, paragraph 2, of the amended Annex to the 1978 STCW Convention provides that part A of the STCW Code supplements the regulations annexed to the Convention and that any reference to a requirement in a regulation also constitutes a reference to the corresponding section of part A of the STCW Code.

1. ADOPTS:

- .1 the Seafarers' Training, Certification and Watchkeeping (STCW) Code, part A - Mandatory standards regarding provisions of the Annex to the 1978 STCW Convention, as amended, set out in Annex 1 to the present resolution;
- .2 the Seafarers' Training, Certification and Watchkeeping (STCW) Code, part B - Recommended guidance regarding provisions of the 1978 STCW Convention, as amended, and its Annex, set out in Annex 2 to the present resolution;

2. RESOLVES:

- .1 that the provisions of part A of the STCW Code shall enter into force for each Party to the 1978 STCW Convention, as amended, on the same date and in the same manner as the amendments to that Convention adopted by the Conference;
- .2 to recommend that the guidance contained in part B of the STCW Code should be taken into account by all Parties to the 1978 STCW Convention, as amended, as from the date of entry into force of the amendments to that Convention adopted by the Conference;

3. INVITES the International Maritime Organization:

- .1 to keep the provisions of parts A and B of the STCW Code under review and consult, as may be appropriate, with the International Labour Organization, the International Telecommunication Union and the World Health Organization and to bring the need for any future amendment thereto to the attention of the Maritime Safety Committee for consideration and adoption as may be appropriate;
- .2 to communicate this resolution and any future amendment thereto that may be adopted, to the attention of all Parties to the STCW Convention.

ANNEX 1

SEAFARERS' TRAINING, CERTIFICATION AND WATCHKEEPING (STCW) CODE

PART A

MANDATORY STANDARDS REGARDING PROVISIONS OF
THE ANNEX TO THE STCW CONVENTION

INTRODUCTION

1 This part of the STCW Code contains mandatory provisions to which specific reference is made in the Annex to the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978, as amended, hereinafter referred to as the STCW Convention. These provisions give in detail the minimum standards required to be maintained by Parties in order to give full and complete effect to the Convention.

2 Also contained in this part are standards of competence required to be demonstrated by candidates for the issue and revalidation of certificates of competency under the provisions of the STCW Convention. To clarify the linkage between the alternative certification provisions of chapter VII and the certification provisions of chapters II, III and IV, the abilities specified in the standards of competence are grouped as appropriate under the following seven functions:

- | | |
|--|-------------------------------|
| .1 Navigation | .2 Cargo handling and stowage |
| .3 Controlling the operation of the ship and care for persons on board | .4 Marine engineering |
| .5 Electrical, electronic and control engineering | .6 Maintenance and repair |
| .7 Radiocommunications | |

at the following levels of responsibility:

- | | |
|---------------------|----------------------|
| .1 Management level | .2 Operational level |
| .3 Support level | |

Functions and levels of responsibility are identified by subtitle in the tables of standards of competence given in chapters II, III, and IV of this part. The scope of the function at the level of responsibility stated in a subtitle is defined by the abilities listed under it in column 1 of the table. The meaning of "function" and "level of responsibility" is defined in general terms in section A-1/1 below.

3 The numbering of the sections of this part corresponds with the numbering of the regulations contained in the Annex to the STCW Convention. The text of the sections may be divided into numbered parts and paragraphs, but such numbering is unique to that text alone.

CHAPTER I

STANDARDS REGARDING GENERAL PROVISIONS

Section A-I/1

Definitions and clarifications

1 The definitions and clarifications contained in article II and regulation I/1 apply equally to the terms used in parts A and B of this Code. In addition, the following supplementary definitions apply only to this Code:

- .1 "Standard of competence" means the level of proficiency to be achieved for the proper performance of functions on board ship in accordance with the internationally agreed criteria as set forth herein and incorporating prescribed standards or levels of knowledge, understanding and demonstrated skill;
- .2 "Management level" means the level of responsibility associated with:
 - .2.1 serving as master, chief mate, chief engineer officer or second engineer officer on board a seagoing ship, and
 - .2.2 ensuring that all functions within the designated area of responsibility are properly performed;
- .3 "Operational level" means the level of responsibility associated with:
 - .3.1 serving as officer in charge of a navigational or engineering watch or as designated duty engineer for periodically unmanned machinery spaces or as radio operator on board a seagoing ship, and
 - .3.2 maintaining direct control over the performance of all functions within the designated area of responsibility in accordance with proper procedures and under the direction of an individual serving in the management level for that area of responsibility;
- .4 "Support level" means the level of responsibility associated with performing assigned tasks, duties or responsibilities on board a seagoing ship under the direction of an individual serving in the operational or management level;

- .5 "Evaluation criteria" are the entries appearing in column 4 of the "Specifications of Minimum Standards of Competence" tables in part A and provide the means for an assessor to judge whether or not a candidate can perform the related tasks, duties and responsibilities; and
- .6 "Independent evaluation" means an evaluation by suitably qualified persons, independent of, or external to, the unit or activity being evaluated, to verify that the administrative and operational procedures at all levels are managed, organized, undertaken and monitored internally in order to ensure their fitness for purpose and achievement of stated objectives.

Section A-I/2

Certificates and endorsements

1 Where, as provided in regulation I/2, paragraph 4, the endorsement required by article VI of the Convention is incorporated in the wording of the certificate itself, the certificate shall be issued in the format shown hereunder, provided that the words "or until the date of expiry of any extension of the validity of this certificate as may be shown overleaf" appearing on the front of the form and the provisions for recording extension of the validity appearing on the back of the form shall be omitted where the certificate is required to be replaced upon its expiry. Guidance on completion of the form is contained in section B-I/2 of this Code.

(Official Seal)

(COUNTRY)

CERTIFICATE ISSUED UNDER THE PROVISIONS OF THE INTERNATIONAL CONVENTION
ON STANDARDS OF TRAINING, CERTIFICATION AND WATCHKEEPING
FOR SEAFARERS, 1978, AS AMENDED IN 1995

The Government of certifies that has
been found duly qualified in accordance with the provisions of regulation of the above Convention,
as amended, and has been found competent to perform the following functions, at the levels specified, subject to
any limitations indicated until or until the date of expiry of any extension of the validity of this
certificate as may be shown overleaf:

| FUNCTION | LEVEL | LIMITATIONS APPLYING (IF ANY) |
|----------|-------|-------------------------------|
| | | |
| | | |
| | | |
| | | |
| | | |

The lawful holder of this certificate may serve in the following capacity or capacities specified in the applicable
safe manning requirements of the Administration:

| CAPACITY | LIMITATIONS APPLYING (IF ANY) |
|----------|-------------------------------|
| | |

Certificate No. issued on

(Official Seal)

.....
Signature of duly authorized official

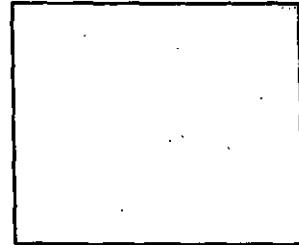
.....
Name of duly authorized official

The original of this certificate must be kept available in accordance with regulation I/2, paragraph 9 of the Convention
while serving on a ship.

Date of birth of the holder of the certificate

Signature of the holder of the certificate

Photograph of the holder of the certificate



The validity of this certificate is hereby extended until

(Official seal)

Signature of duly authorized official

Date of revalidation

Name of duly authorized official

The validity of this certificate is hereby extended until

(Official seal)

Signature of duly authorized official

Date of revalidation

Name of duly authorized official

2 Except as provided in paragraph 1, the form used to attest the issue of a certificate shall be as shown hereunder, provided that the words "or until the date of expiry of any extension of the validity of this endorsement as may be shown overleaf" appearing on the front of the form and the provisions for recording extension of the validity appearing on the back of the form shall be omitted where the endorsement is required to be replaced upon its expiry. Guidance on completion of the form is contained in section B-1/2 of this Code.

(Official Seal)

(COUNTRY)

ENDORSEMENT ATTESTING THE ISSUE OF A CERTIFICATE UNDER THE PROVISIONS OF
THE INTERNATIONAL CONVENTION ON STANDARDS OF TRAINING, CERTIFICATION
AND WATCHKEEPING FOR SEAFARERS, 1978, AS AMENDED IN 1995

The Government of certifies that certificate No. has been issued to
..... who has been found duly qualified in accordance with
the provisions of regulation of the above Convention, as amended, and has been found competent to
perform the following functions, at the levels specified, subject to any limitations indicated until
or until the date of expiry of any extension of the validity of this endorsement as may be shown overleaf.

| FUNCTION | LEVEL | LIMITATIONS APPLYING (IF ANY) |
|----------|-------|-------------------------------|
| | | |
| | | |
| | | |
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| | | |

The lawful holder of this endorsement may serve in the following capacity or capacities specified in the applicable
safe manning requirements of the Administration:

| CAPACITY | LIMITATIONS APPLYING (IF ANY) |
|----------|-------------------------------|
| | |

Endorsement No. issued on

(Official Seal)

.....
Signature of duly authorized official

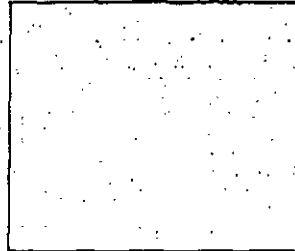
.....
Name of duly authorized official

The original of this endorsement must be kept available in accordance with regulation 1/2, paragraph 9 of the
Convention while serving on a ship.

Date of birth of the holder of the certificate

Signature of the holder of the certificate

Photograph of the holder of the certificate



The validity of this endorsement is hereby extended until

(Official seal)

Signature of duly authorized official

Date of revalidation

Name of duly authorized official

The validity of this endorsement is hereby extended until

(Official seal)

Signature of duly authorized official

Date of revalidation

Name of duly authorized official

3 The form used to attest the recognition of a certificate shall be as shown hereunder, except that the words "or until the date of expiry of any extension of the validity of this endorsement as may be shown overleaf" appearing on the front of the form and the provisions for recording extension of the validity appearing on the back of the form shall be omitted where the endorsement is required to be replaced upon its expiry. Guidance on completion of the form is contained in section B-I/2 of this Code.

(Official Seal)

(COUNTRY)

ENDORSEMENT ATTESTING THE RECOGNITION OF A CERTIFICATE UNDER THE PROVISIONS OF
THE INTERNATIONAL CONVENTION ON STANDARDS OF TRAINING, CERTIFICATION AND
WATCHKEEPING FOR SEAFARERS, 1978, AS AMENDED IN 1995

The Government of certifies that Certificate No. issued to.....
by or on behalf of the Government of is duly recognized in accordance with the
provisions of regulation I/10 of the above Convention, as amended, and the lawful holder is authorized to perform the
following functions at the levels specified, subject to any limitations indicated until or until
the date of expiry of any extension of the validity of this endorsement as may be shown overleaf:

| FUNCTION | LEVEL | LIMITATIONS APPLYING (IF ANY) |
|----------|-------|-------------------------------|
| | | |
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The lawful holder of this endorsement may serve in the following capacity or capacities specified in the applicable
safe manning requirements of the Administration:

| CAPACITY | LIMITATIONS APPLYING (IF ANY) |
|----------|-------------------------------|
| | |
| | |
| | |

Endorsement No. issued on

(Official Seal)

.....
Signature of duly authorized official

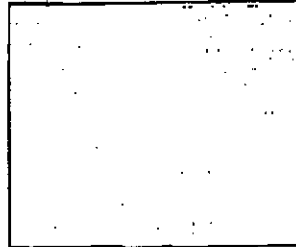
.....
Name of duly authorized official

The original of this endorsement must be kept available in accordance with regulation I/2, paragraph 9 of the Convention
while serving on a ship.

Date of birth of the holder of the certificate

Signature of the holder of the certificate

Photograph of the holder of the certificate



The validity of this endorsement is hereby extended until

(Official seal)

.....
Signature of duly authorized official

Date of revalidation

.....
Name of duly authorized official

The validity of this endorsement is hereby extended until

(Official seal)

.....
Signature of duly authorized official

Date of revalidation

.....
Name of duly authorized official

4 In using formats which may be different from those set forth in this section, pursuant to regulation I/2, paragraph 8, Parties shall ensure that in all cases:

- 1 all information relating to the identity and personal description of the holder, including name, date of birth, photograph and signature, along with the date on which the document was issued, shall be displayed on the same side of the documents; and
- 2 all information relating to the capacity or capacities in which the holder is entitled to serve, in accordance with the applicable safe manning requirements of the Administration, as well as any limitations, shall be prominently displayed and easily identified.

Section A-I/3

Principles governing near-coastal voyages

(No provisions)

Section A-I/4

Control procedures

1 The assessment procedure provided for in regulation I/4, paragraph 1.3, resulting from any of the occurrences mentioned therein shall take the form of a verification that members of the crew who are required to be competent do in fact possess the necessary skills related to the occurrence.

2 It shall be borne in mind when making this assessment that on-board procedures are relevant to the International Safety Management (ISM) Code and that the provisions of this Convention are confined to the competence to safely execute those procedures.

3 Control procedures under this Convention shall be confined to the standards of competence of the individual seafarers on board and their skills related to watchkeeping as defined in part A of this Code. On-board assessment of competency shall commence with verification of the certificates of the seafarers.

4 Notwithstanding verification of the certificate, the assessment under regulation I/4, paragraph 1.3 can require the seafarer to demonstrate the related competency at the place of duty. Such demonstration may include verification that operational requirements in respect of watchkeeping standards have been met and that there is a proper response to emergency situations within the seafarer's level of competence.

5 In the assessment, only the methods for demonstrating competence together with the criteria for its evaluation and the scope of the standards given in part A of this Code shall be used.

Section A-I/5

National provisions

The provisions of regulation I/5 shall not be interpreted as preventing the allocation of tasks for training under supervision or in cases of *force majeure*.

Section A-I/6

Training and assessment

1 Each Party shall ensure that all training and assessment of seafarers for certification under the Convention is:

- .1 structured in accordance with written programmes, including such methods and media of delivery, procedures, and course material as are necessary to achieve the prescribed standard of competence; and
- .2 conducted, monitored, evaluated and supported by persons qualified in accordance with paragraphs 4, 5 and 6.

2 Persons conducting in-service training or assessment on board ship shall only do so when such training or assessment will not adversely affect the normal operation of the ship and they can dedicate their time and attention to training or assessment.

Qualifications of instructors, supervisors and assessors

3 Each Party shall ensure that instructors, supervisors and assessors are appropriately qualified for the particular types and levels of training or assessment of competence of seafarers either on board or ashore, as required under the Convention, in accordance with the provisions of this section.

In-service training

4 Any person conducting in-service training of a seafarer, either on board or ashore, which is intended to be used in qualifying for certification under the Convention, shall:

- .1 have an appreciation of the training programme and an understanding of the specific training objectives for the particular type of training being conducted;
- .2 be qualified in the task for which training is being conducted; and
- .3 if conducting training using a simulator:
 - .3.1 have received appropriate guidance in instructional techniques involving the use of simulators, and
 - .3.2 have gained practical operational experience on the particular type of simulator being used.

5 Any person responsible for the supervision of in-service training of a seafarer intended to be used in qualifying for certification under the Convention shall have a full understanding of the training programme and the specific objectives for each type of training being conducted.

Assessment of competence

6 Any person conducting in-service assessment of competence of a seafarer, either on board or ashore, which is intended to be used in qualifying for certification under the Convention, shall:

- .1 have an appropriate level of knowledge and understanding of the competence to be assessed;
- .2 be qualified in the task for which the assessment is being made;
- .3 have received appropriate guidance in assessment methods and practice;
- .4 have gained practical assessment experience; and
- .5 if conducting assessment involving the use of simulators, have gained practical assessment experience on the particular type of simulator under the supervision and to the satisfaction of an experienced assessor.

Training and assessment within an institution

7 Each Party which recognizes a course of training, a training institution, or a qualification granted by a training institution, as part of its requirements for the issue of a certificate required under the Convention, shall ensure that the qualifications and experience of instructors and assessors are covered in the application of the quality standard provisions of section A-I/8. Such qualification, experience and application of quality standards shall incorporate appropriate training in instructional techniques, and training and assessment methods and practice, and comply with all applicable requirements of paragraphs 4 to 6.

Section A-I/7

Communication of information

1 The information required by regulation I/7, paragraph 1 shall be communicated to the Secretary-General in the formats prescribed in paragraph 2 hereunder.

2 By 1 August 1998, or within one calendar year of entry into force of regulation I/7, whichever is later for the Party concerned, each Party shall report on the steps it has taken to give the Convention full and complete effect, which report shall include the following:

- .1 the name, postal address and telephone and facsimile numbers and organization chart of the ministry, department or governmental agency responsible for administering the Convention;
- .2 a concise explanation of the legal and administrative measures provided and taken to ensure compliance, particularly with regulations I/6 and I/9;
- .3 a clear statement of the education, training, examination, competency assessment and certification policies adopted;
- .4 a concise summary of the courses, training programmes, examinations and assessments provided for each certificate issued pursuant to the Convention;

- 5 a concise outline of the procedures followed to authorize, accredit or approve training and examinations, medical fitness and competency assessments, required by the Convention, the conditions attaching thereto, and a list of the authorizations, accreditations and approvals granted;
 - 6 a concise summary of the procedures followed in granting any dispensation under article VIII of the Convention; and
 - 7 the results of the comparison carried out pursuant to regulation I/11 and a concise outline of the refresher and upgrading training mandated.
- 3 Each Party shall, within six months of:
- 1 retaining or adopting any equivalent education or training arrangements pursuant to article IX, provide a full description of such arrangements;
 - 2 recognizing certificates issued by another Party, provide a report summarizing the measures taken to ensure compliance with regulation I/10; and
 - 3 authorizing the employment of seafarers holding alternative certificates issued under regulation VII/1 on ships entitled to fly its flag, provide the Secretary-General with a specimen copy of the type of safe manning documents issued to such ships.
- 4 Each Party shall report the results of each evaluation carried out pursuant to regulation I/8, paragraph 2 within six months of its completion, which report shall describe the terms of reference of the evaluators, their qualifications and experience, the date and scope of the evaluation, the deficiencies found and the corrective measures recommended and carried out.
- 5 The Secretary-General shall maintain a list of competent persons approved by the Maritime Safety Committee, including competent persons made available or recommended by the Parties, who may be called upon to assist in the preparation of the report required by regulation I/7, paragraph 2. These persons shall ordinarily be available during relevant sessions of the Maritime Safety Committee or its subsidiary bodies, but need not conduct their work solely during such sessions.
- 6 In relation to regulation I/7, paragraph 2, the competent persons shall be knowledgeable of the requirements of the Convention and at least one of them shall have knowledge of the system of training and certification of the Party concerned.
- 7 Any meeting of the competent persons shall:
- 1 be held at the discretion of the Secretary-General;
 - 2 be comprised of an odd number of members, ordinarily not to exceed 5 persons;
 - 3 appoint its own chairman; and
 - 4 provide the Secretary-General with the agreed opinion of its members, or if no agreement is reached, with both the majority and minority views.